WARM UP 10.1 part 2 NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Copy the class data from the board:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brown** | **Green** | **Hazel** | **Blue** | total |
| **Male** |  |  |  |  |  |
| **Female** |  |  |  |  |  |
| total |  |  |  |  |  |

What is the row variable? What is the column variable?

# of cells = Total sample size (n) =

**Answer the following:**

1. What percent of the class has brown eyes?

1. What percent of the class has blue eyes?
2. What percent OF MALES have blue eyes?
3. What percent of the class is male?
4. What percent of the class is male AND has hazel eyes?
5. What percent OF FEMALES have brown eyes?
6. What percent of the class is female and has blue eyes?
7. On the back of this sheet, perform a test of significance to see if there is an association between gender and eye color

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| --- | --- | --- | --- | --- | --- |
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| **Female** |  |  |  |  |  |
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